



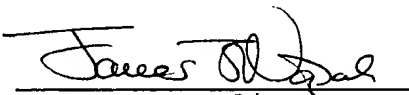
1201 8/11/97  
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1202

PATENT--NO FEE

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicant:	)	I hereby certify that this
A. DAUGAN	)	paper is being deposited with
Serial No.: 08/669,389	)	the United States Postal
Filed: July 16, 1996	)	Service with sufficient
For: TETRACYCLIC DERIVATIVES,	)	postage as first class mail in
PROCESS OF PREPARATION AND USE	)	an envelope addressed to:
Attorney Docket No.: 27866/33751	)	Assistant Commissioner for
Group Art Unit: 1202	)	Patents, Washington, D.C.
Examiner: T. Ngo	)	20231 on this date:
	)	July 25, 1997
	)	
	)	James J. Napoli
	)	Registration No. 32,361
	)	Attorney for Applicant

TRANSMITTAL

Assistant Commissioner for Patents  
Washington, D.C. 20231

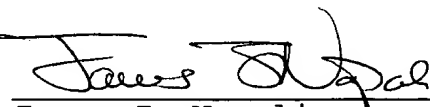
Sir:

Enclosed for filing is a POWER OF ATTORNEY AND  
REVOCATION OF PRIOR POWERS in the above-identified applica-  
tion.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,  
MURRAY & BORUN

By

  
James J. Napoli  
(Registration No. 32,361)  
Attorneys for Applicant  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606  
(312) 474-6300

Chicago, Illinois  
July 25, 1997

PATENT

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Application of: ) "Tetracyclic Derivatives,  
A. Daugan ) Process of Preparation and  
Serial No. 08/669,389 ) Use"  
Filed: July 16, 1996 ) Group Art Unit 1202  
Examiner: T. Ngo

POWER OF ATTORNEY AND  
REVOCATION OF PRIOR POWERS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

ICOS Corporation, the assignee of record of the entire interest in the above-identified application, as set out in the attached Assignment, hereby revokes all Powers of Attorney previously given in this application.

The following attorneys are hereby appointed to prosecute and transact business in the Patent and Trademark Office connected therewith: Alvin D. Shulman (19,412), Owen J. Murray (22,111), Allen H. Gerstein (22,218), Nate F. Scarpelli (22,320), Edward M. O'Toole (22,477), Michael F. Borun (25,447), Trevor B. Joike (25,542), Timothy J. Vezeau (26,348), Carl E. Moore, Jr. (26,487), Richard H. Anderson (26,526), Patrick D. Ertel (26,877), James P. Zeller (28,491), William E. McCracken (30,195), Richard A. Schnurr (30,890), Anthony Nimmo (30,920), Christine A. Dudzik (31,245), Kevin D. Hogg (31,839), Jeffrey S. Sharp (31,879), Martin J. Hirsch (32,237), James J. Napoli (32,361), Richard M. La Barge (32,254), Karl A. Vick (33,288), Douglass C. Hochstetler (33,710), Cynthia L. Schaller (34,245), Robert M. Gerstein (34,824), 6300 Sears

Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6402.

Send correspondence and direct telephone calls to: James J. Napoli, Registration No. 32,361, Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6402, telephone number (312)474-6300.

ICOS Corporation  
22021 20th Avenue SE  
Bothell, Washington 98021

By:

Gary L. Wilcox  
Gary L. Wilcox, Ph.D.

Title:

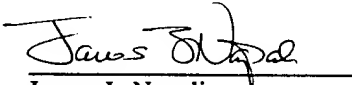
Executive Vice President of  
Operations

Date: July 18, 1997

<p>1. Name of party or parties conveying an interest:</p> <p>Laboratoire Glaxo Wellcome S.A.</p>	<p>2. Name and address of party or parties receiving an interest:</p> <p>Name: ICOS Corporation, a Delaware corporation Address: 22021 20th Avenue, S.E. City: Bothell State: Washington Zip: 98021</p>
<p>3. Description of the interest conveyed:</p> <p><input checked="" type="checkbox"/> Assignment  <input type="checkbox"/> Merger  <input type="checkbox"/> Change of Name  <input type="checkbox"/> Security Agreement</p> <p>Other: Certificate under 37 CFR 3.73(b) and copy of previous assignment.</p> <p>Execution Date: June 12, 1997</p>	
<p>4. Application number(s) or patent number(s). Additional sheet attached?  YES _____ NO <input checked="" type="checkbox"/></p> <p>If the document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent application no.(s):  08/669,389 filed July 17, 1996</p> <p>B. Patent no.(s): _____</p>	
<p>5. Name and address of party to whom correspondence concerning this cover sheet should be mailed:</p> <p>Name: James J. Napoli  Reg. No. 32,361  MARSHALL, O'TOOLE, GERSTEIN,  MURRAY &amp; BORUN  Street Address: 6300 Sears Tower,  233 South Wacker Drive  City: Chicago  State: Illinois Zip: 60606-6402</p>	<p>6. Number of applications and/or patents identified on this cover sheet:  <u>1</u></p> <p>7. Amount of fee enclosed or authorized to be charged:  \$ 40.00</p> <p>8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-2855</p>

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Date: July 11, 1997

  
James J. Napoli  
Reg. No. 32,361

Total number of pages including cover sheet, attachments, and document: 6

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicant:	)	For: Tetracyclic Derivatives, Process
	)	of Preparation and Use
Daugan, Alain Claude-Marie	)	
	)	Attorney Docket No.: 27866/33751
Serial No.: 08/669,389	)	
	)	Group Art Unit: 1202
Filed: July 16, 1996	)	
	)	Examiner: T. Ngo

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

LABORATOIRE GLAXO WELLCOME S.A., a French corporation, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment ☐ was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or ☒ for which a copy thereof is attached.

B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document ☐ was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or ☐ which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document ☐ was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or ☐ which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document ☐ was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or ☐ which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

BEST AVAILABLE COPY

MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN, 6300 Sears Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6402

WHEREAS, the invention or improvements disclosed in the following application was previously assigned by the inventors thereof to the undersigned, and whereas the assignment was recorded as follows:

U.S. Serial No. 08/669,389  
filed July 17, 1996

Reel and Frame unknown--  
(copy of assignment forwarded for  
recording attached)

"TETRACYCLIC DERIVATIVES,  
PROCESS OF PREPARATION  
AND USE"

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to ICOS Corporation, a Washington corporation, 22021 20th Avenue SE, Bothell, Washington 98021 U.S.A. (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements disclosed in the above-mentioned application, and in any applications, both United States and foreign, which the undersigned has filed or may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which have been or may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree(s), upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree(s) upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this 12<sup>th</sup> day of June, Nineteen Hundred and Ninety-seven.

LABORATOIRE GLAXO WELLCOME S.A.,  
(formerly LABORATOIRES GLAXO SA)

By

Name

Title

Philippe Melot

Legal Director

Witness:

Witness:

Gabriel HENRI  
Danielle BAYLE

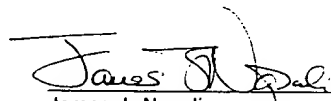
The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issues thereon.

Respectfully submitted,

**MARSHALL, O'TOOLE, GERSTEIN,  
MURRAY & BORUN**

By



James J. Napoli  
(Registration No. 32,361)  
Attorneys for Applicant  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606  
(312) 474-6300

Chicago, Illinois  
July 7, 1997

B/O FORM PTO-1595 (1/31/92)		U.S. Department of Commerce Patent and Trademark Office	
<b>RECORDATION FORM COVER SHEET PATENTS ONLY</b>			
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.			
<b>1. Name of Conveying Party:</b>  Alain Claude-Marie DAUGAN		<b>2. Name and Address of Receiving Party:</b>  Name:                    Laboratoire Glaxo Wellcome S.A.  Internal Address:  Street Address:    43 Rue Vineuse  City, State, Zip:   75116 Paris, France	
<b>3. Nature of Conveyance:</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">ASSIGNMENT</div>  Execution Date: December 19, 1996		<b>4. (B) Patent Number:</b>          Additional Numbers Attached.	
<b>4. (A) Patent Application Number:</b>  08/669,389    If this document is being filed together with a new application, the execution date of the application is:			
<b>5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:</b>  Name:    Richard E. Fichter, Registration No. 26,382 Address:    Bacon & Thomas 625 Slaters Lane - 4th Floor Alexandria, Va 22314		<b>6. Total Number of Applications and Patents Involved:</b>  <div style="text-align: center; font-size: 1.5em;">1</div>	
DO NOT USE THIS SPACE		<b>7. Total Fee:</b> (\$7 CFR 3.41) <b>\$40.00</b>  SUBMITTED HEREWITH.	
		<b>8. Deposit Account Number:</b>  <div style="text-align: center;">02-0200</div> <small>ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT</small>	
<b>9. Statement and Signature:</b> <div style="text-align: center;"> <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i> </div>			
Richard E. Fichter, Reg. No. 26,382 Name of Person Signing		<div style="text-align: center;"> </div> Signature	
March 10, 1997 Date		Total number of pages comprising cover sheet: 2	

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Ref : 1231CV/US

UTILITY  
SOLE JOINT - U.S. ONLY  
(WITNESS)

ASSIGNMENT

WHEREAS, I (we), Alain Claude-Marie DAUGAN  
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and  
useful improvements in ... Tetracyclic derivatives, process of preparation and use.  
for which an application for United States Letters Patent was  
[ ] executed on even date herewith;  
[ ] executed on \_\_\_\_\_;  
[X] filed on 17 July 1996, Serial No. 08.669389;  
[X] filed as International Application No. PCT/EP95.00103 on 19 January 1995;

and WHEREAS,  
..... Laboratoire Glaxo Wellcome S.A. .....

whose post office address is 43 Rue Vineuse, 75116 Paris, France hereinafter referred to as ASSIGNEE, is desirous  
of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these  
presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention and  
application throughout the United States of America, including any and all Letters Patent granted on any division, continuation,  
continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing,  
prosecution and maintenance of said application or any other patent application(s) in the United States for said invention,  
including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without  
further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and  
communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S  
possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of  
ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms  
of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and  
other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent  
referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole  
use and benefit; and for the use and benefit of ASSIGNEE'S legal representatives and successors, to the full end of the term for  
which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment  
and sale not been made.

Assignor name and address

Alain Claude-Marie DAUGAN  
Laboratoire Glaxo Wellcome S.A., Centre de  
Recherches, Z.A. de Courtabouf, 25 avenue de  
Quebec, 91940 Les Ulis, France

17 JUL 1996

Date

Where signed

Signature

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